

Cumulative Impacts Assessment

December 11, 2002

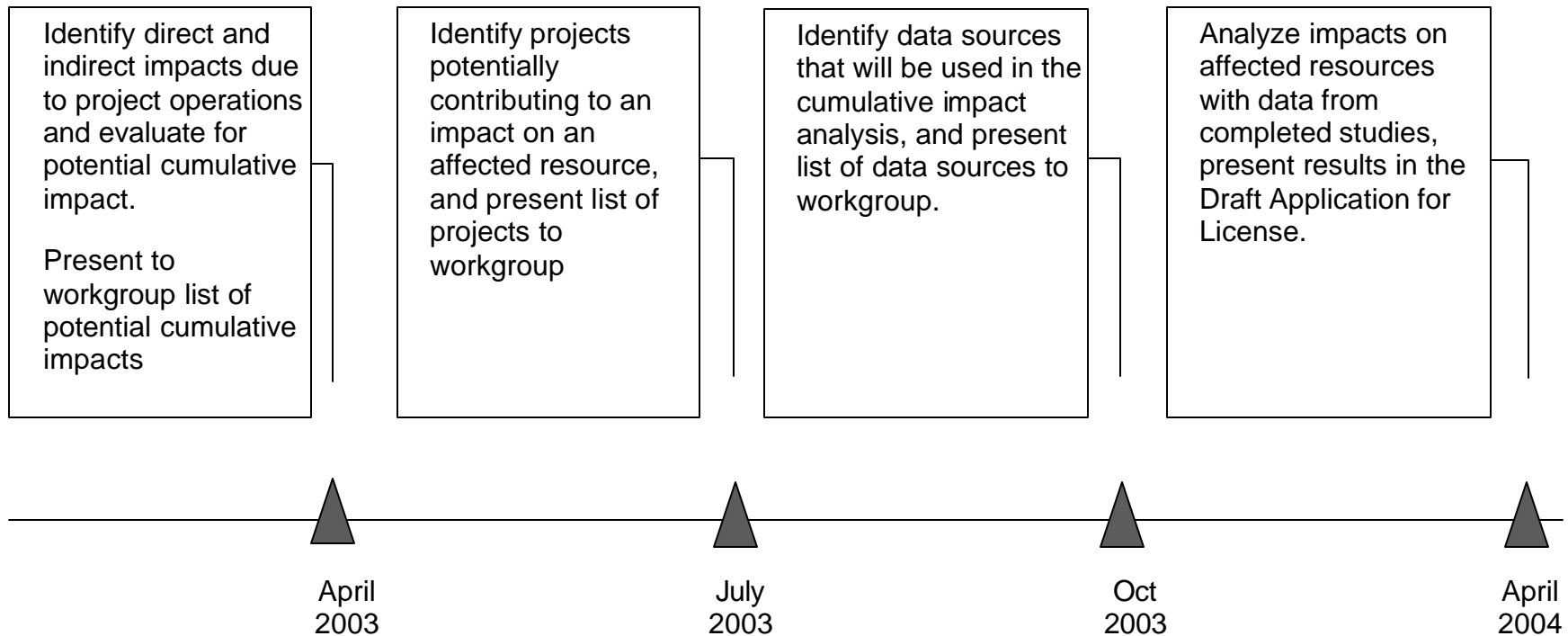


Presentation Outline

- Timeline
- Overview
 - Draft Guidance Document Steps
 - Draft Guidance Document Existing Criteria
 - Discussion of CEQA/NEPA Requirements
- Potential Evaluation Criteria
 - Draft Guidance Document, NEPA, and CEQA

Oroville Facilities – Environmental Workgroup

Timeline for Cumulative Impact Analysis





Draft Guidance Document Steps

- **Step 1 Work Task:**

- ☐ Develop comprehensive project information

- **Actions:**

- ☐ Monitor progress
- ☐ Create well-developed project description

- **Step 2 Work Task:**

- ☐ Discern potentially affected resources

- **Actions:**

- ☐ Obtain written species list
- ☐ Track study plans



Draft Guidance Document Steps *cont'd*

- **Step 3 Work Task:**

- ☐ Compile list of other studies

- **Action:**

- ☐ Gather information

- **Step 4 Work Task:**

- ☐ Refer to the APEA/DEIR processes

- **Action:**

- ☐ Develop impact criteria



Draft Guidance Document Steps *cont'd*

- **Step 5 Work Task:**

- ☐ Identify geographic boundaries

- **Action:**

- ☐ Develop standards/criteria for determination

- **Step 6 Work Task:**

- ☐ Consider past, present, and future projects

- **Action:**

- ☐ Review existing programs' documents



Draft Guidance Document Steps *cont'd*

- **Step 7 Work Tasks:**

- ☐ Acquire federal research permits
- ☐ Conduct studies

- **Action:**

- ☐ Implement study plans

- **Step 8 Work Tasks:**

- ☐ Evaluate impacts
- ☐ Develop protections, mitigation, and enhancements

- **Action:**

- ☐ PME framework development



Draft Guidance Document Steps *cont'd*

- **Step 9 Work Task:**

- ☐ Produce study reports and draft biological assessments

- **Action:**

- ☐ Develop information through implementation of study plans



Draft Guidance Document Existing Criteria

- **Water Rights**
- **Land and Resource Management Plans**
- **Operation Constraints**
- **Environmental Resources**
- **Geographic Boundary**
- **Past, Present, and Reasonably Foreseeable Future Projects**



Discussion of CEQA/NEPA Requirements

■ CEQA and NEPA

- Provide guidance for evaluation of cumulative impacts and cumulative effects, respectively
 - CEQA Guidelines [Section 15130(a)]
 - NEPA (40 CFR 1508.7, 1508.8)
- Require a discussion of cumulative impacts when a project's incremental effect is cumulatively considerable

■ Identify cumulative effects

■ Develop criteria for project inclusion



Potential Evaluation Criteria

- **Affected Resource**

- ☐ Is the resource affected by the project?

- **Relationship to Oroville Facilities**

- ☐ Is project related to an impact at the Oroville facilities?

- **Geographic Boundary**

- ☐ Is the project within the geographic scope or boundaries influenced by Oroville facilities?

- **Temporal Scope**

- **Other Constraints (USBR, SWRCB, DFG, etc.)**